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| Today, I dedicated a large part of my work plan to testing higher-parameter LLM models. My goal was to add a more powerful AI component to my existing system in order to obtain more accurate and comprehensive responses, especially in complex anomaly interpretation tasks. However, in practice, things did not go as expected. When I started running the higher-parameter models, my computer crashed completely several times. In particular, the model would sometimes produce a response even when run independently from the code, but at other times it would crash again.  This indicated that the hardware requirements of the model exceeded my current system’s capabilities. As a solution, I tried writing more optimized, clear, and carefully designed prompts within the code. I hoped this would reduce the model’s computational load and allow the system to run longer. Even so, I was not able to obtain long and detailed responses without the computer crashing.  As a result, I decided to focus on lighter and more hardware-friendly 7B parameter models. However, I encountered another issue: these models were unable to generate sufficiently deep and complex responses when I described events in great detail within the prompts. I am not yet certain whether this is a limitation of the model’s capacity or due to shortcomings in my prompt design.  Therefore, my current strategy is to research ways to optimize the system for more powerful models while also working on prompt development techniques to maximize the output from smaller models like the 7B. In short, today once again showed me that when selecting an LLM, not only the model’s power but also hardware compatibility and prompt design are critically important. | | | |
| **Sayfa No** | **Çalışmanın** | | **KONTROL** |
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